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(54)名 稱: 藉由磁鐵裝卸之太陽眼鏡

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[57] 申請專利範圍:

1. 一種藉由磁鐵裝卸之太陽眼鏡, 主要係, 由無掛耳太陽眼鏡及與此做為獨立體的眼鏡框而成之裝卸式太陽眼鏡, 其特徵為, 前述無掛耳太陽眼鏡和眼鏡框, 係根據著裝表面平坦的磁鐵形成能夠裝卸者。
2. 如申請專利範圍第1項所述的藉由磁鐵裝卸之太陽眼鏡, 其中, 前述磁鐵係形成在無掛耳太陽眼鏡及眼鏡框的雙方, 而形成能夠裝卸者。
3. 如申請專利範圍第1項所述的藉由磁鐵裝卸之太陽眼鏡, 其中, 前述磁鐵係形成在無掛耳太陽眼鏡或眼鏡框的一方, 而他方係以具有磁化性之材料形成, 結果雙方形成能夠裝卸者。
4. 如申請專利範圍第1項至3項中之任何一項所述的藉由磁鐵裝卸之太陽眼鏡, 其中, 前述磁鐵係安裝在無掛耳太陽眼鏡的框及/或眼鏡框之兩端部者。
5. 如申請專利範圍第1項至3項中之任何一項所述的藉由磁鐵裝卸之太陽眼鏡, 其中, 前述磁鐵為表面平坦的圓柱狀磁鐵者。
6. 如申請專利範圍第1項至第3項中之任何一項所述的藉由磁鐵裝卸之太陽眼鏡, 其中, 前述無掛耳太陽眼鏡的框及/或眼鏡框本身由前述磁鐵形成者。
7. 如申請專利範圍第1項至第3項中之任何一項所述的藉由磁鐵裝卸之太陽眼鏡, 其中, 前述磁鐵的裝卸面以樹脂材料被膜者。
8. 如申請專利範圍第7項所述的藉由磁鐵裝卸之太陽眼鏡, 其中, 前述樹脂材料係從環氧系樹脂, 聚酯系樹脂, 聚亞胺酯系樹脂, 酚系樹脂, 間苯二酚(resorcin)系樹脂選擇而成者。
9. 如申請專利範圍第8項所述的藉由磁鐵裝卸之太陽眼鏡, 其中, 前述樹脂材料為環氧系樹脂者。
10. 如申請專利範圍第1項至第3項中之任何一項所述的藉由磁鐵裝卸之太陽眼鏡, 其中, 前述磁鐵的裝卸面以樹脂材料被膜者。

何一項所述的藉由磁鐵裝卸之太陽眼鏡，其中，前述無掛耳太陽眼鏡，係在框之鼻樑架部份設置鉸鏈成為能夠折疊者。

11. 如申請專利範圍第10項所述的藉由磁鐵裝卸之太陽眼鏡，其中，前述無掛耳太陽眼鏡，在折疊後能夠根據所安裝的磁鐵固定折疊狀態者。

圖示簡單說明：

圖1，為顯示本發明實施例的主要部份之斜視圖。

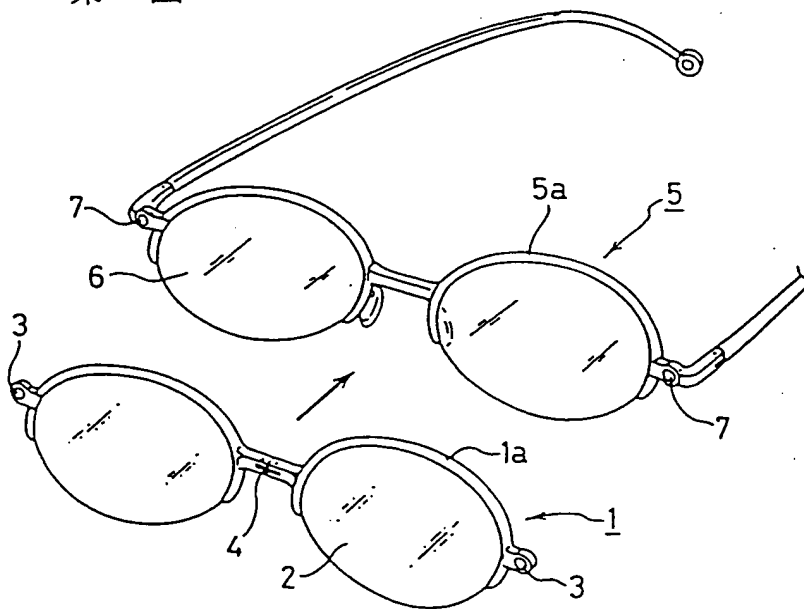
圖2，為顯示根據本發明的在眼鏡安裝無掛耳太陽眼鏡的狀態之主要部份平面圖。

5. 圖3，為顯示根據本發明的在眼鏡安裝無掛耳太陽眼鏡的狀態之主要部份側視圖。

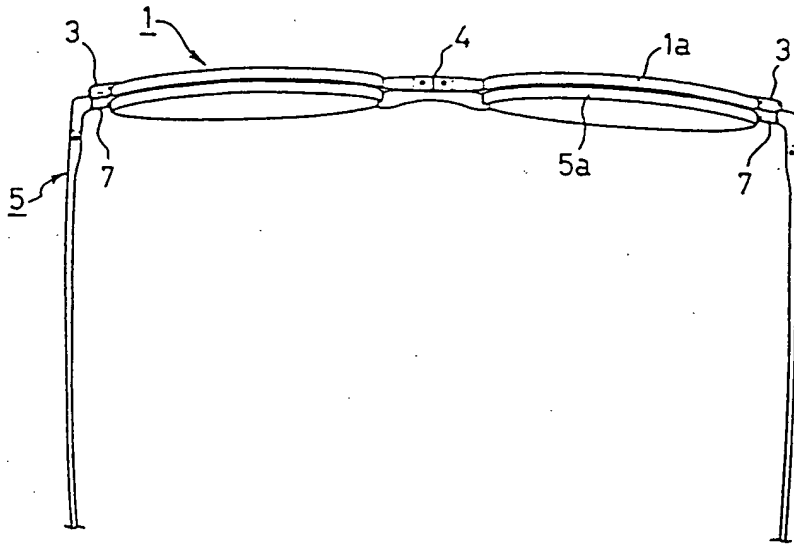
圖4，為顯示把根據本發明的無掛耳太陽眼鏡折疊之狀態及專用的收容容器之斜視圖。

10. 圖5，為顯示根據本發明進行被覆的磁鐵表面之主要部份擴大截面圖。

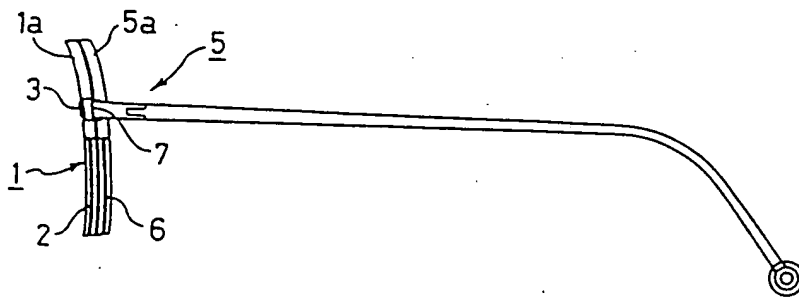
第一圖



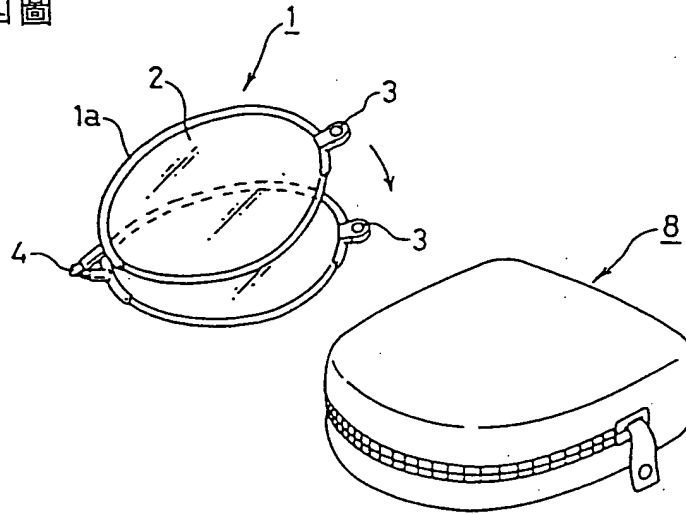
第二圖



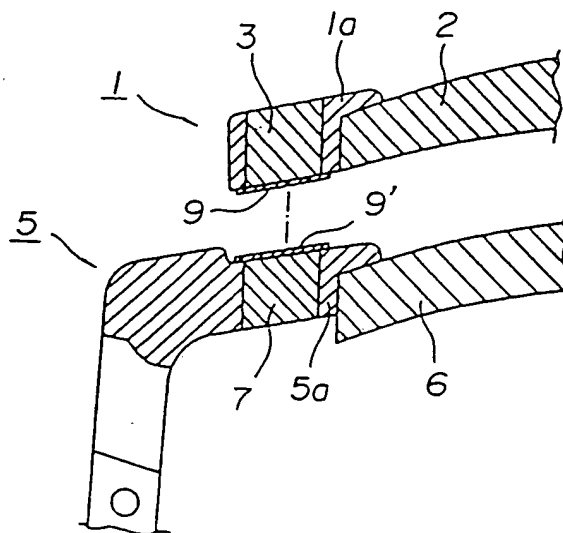
第三圖



第四圖



第五圖



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(12) Title: A pair of sunglasses mounted and dismounted by means of magnets

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(57) Claims:

1. A pair of sunglasses mounted and dismounted by means of magnets, mainly comprises a pair of leg-free sunglasses 1 and a spectacle frame 5a which is independent of said sunglasses 1; characterized in that:  
said leg-free sunglasses 1 and spectacle frame 5a can be assembled together or disassembled from each other by means of magnets (3, 7) which are provided on said leg-free sunglasses 1 and said spectacle frame 5a and have flat mounting surfaces.
2. A pair of sunglasses mounted and dismounted by means of magnets according to claim 1, wherein said magnets (3, 7) are provided on said leg-free sunglasses 1 and said spectacle frame 5a such that the sunglasses 1 and spectacle frame 5a can be assembled together or disassembled from each other.

3. A pair of sunglasses mounted and dismounted by means of magnets according to claim 1, wherein said magnets (3, 7) are provided on one of said leg-free sunglasses 1 and said spectacle frame 5a while the other of said leg-free sunglasses 1 and spectacle frame 5a is made of magnetic material such that the sunglasses 1 and spectacle frame 5a can be assembled together or disassembled from each other.
4. A pair of sunglasses mounted and dismounted by means of magnets according to any one of claim 1 to claim 3, wherein said magnet are provided on the two ends of each of the frame 1a of said leg-free sunglasses 1 and/or spectacle frame 5a .
5. A pair of sunglasses mounted and dismounted by means of magnets according to any one of claim 1 to claim 3, wherein said magnet (3, 7) are cylindrical magnet having flat surfaces.
6. A pair of sunglasses mounted and dismounted by means of magnets according to any one of claim 1 to claim 3, wherein the frame 1a of said sunglasses 1 and/or spectacle frame 5a themselves are made of magnet.
7. A pair of sunglasses mounted and dismounted by means of magnets according to any one of claim 1 to claim 3, wherein the mounting surfaces of said magnets are covered with a film (9, 9') of resin material.

8. A pair of sunglasses mounted and dismounted by means of magnets according to claim 7, wherein said resin material can be selected from epoxide resins, polyester resins, polyimido ester resins, phenol resins, or resorcinol resins.
9. A pair of sunglasses mounted and dismounted by means of magnets according to claim 8, wherein said resin material is epoxide resins.
10. A pair of sunglasses mounted and dismounted by means of magnets according to any one of claim 1 to claim 3, wherein the leg-free sunglasses 1 is provided with a hinge near the portion corresponding to the nose of a user such that the sunglasses 1 is foldable.
11. A pair of sunglasses mounted and dismounted by means of magnets according to claim 10, wherein after being folded, said leg-free sunglasses 1 can be held in a folded state by means of said magnet 3.

#### BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a perspective view showing the main elements of an embodiment in accordance with the present invention;

Fig. 2 is a plan view showing the leg-free sunglasses mounted on the spectacle frame in accordance with the present invention;

Fig. 3 is a side view showing the leg-free sunglasses mounted on the spectacle frame in accordance with the present invention;

Fig. 4 is a perspective view showing the folded leg-free sunglasses in accordance with the present invention and a receptor for the sunglasses;  
and

Fig. 5 is an enlarged sectional view showing the magnet covered with a film in accordance with the present invention.

(Note: the reference numerals are added in claims for your reference)



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